

Title (en)

Casting preforms and methods of use thereof

Title (de)

Giessvorformen und deren Verfahren zur Verwendung

Title (fr)

Préforme pour la coulée et leurs méthodes d'utilisation

Publication

**EP 2631024 A2 20130828 (EN)**

Application

**EP 13155680 A 20130218**

Priority

US 201213402663 A 20120222

Abstract (en)

Casting preforms (120) are provided comprising a casting preform assembly (130); and a plurality of geometrically shaped bodies (140), wherein the plurality of geometrically shaped bodies (140) are arranged or interconnected to form the casting preform assembly (130). Also provided is a method of using a casting preform (120), comprising forming a casting preform assembly (130), wherein the casting preform assembly (130) comprises a plurality of geometrically shaped bodies (140); anchoring the casting preform (120) to an outer surface (150) of a casting mold (110); introducing a fluid casting material (160) into the casting mold; applying centrifugal force to the casting mold (110); forming a molded article, wherein at least a portion of the surface of the molded article is reinforced with the plurality of geometrically shaped bodies (140).

IPC 8 full level

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CPC (source: EP US)

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BA ME

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